AMENDMENTS

In the specification:

Please amend the title by deleting the title page 1, lines 1-2, and substitute therefor:

~~MULTIPARAMETER ANALYSIS FOR DRUG RESPONSE AND RELATED~~
METHODS OF CLASSIFYING DRUG RESPONSIVENESS USING MULTIPARAMETER
ANALYSIS

Please delete the first paragraph on page 132, line 8, to page 133, line 9, and substitute therefor:

Referring to Figure 8, a block diagram of computer system 10, which can be employed to implement the present invention, is shown. Computer system 10 has operating system 15, processor 20, main memory 30, comparative expression profiler 40, display screen 50, input device 60, media drive 70, disk storage 80, and output device 90, each of which is connected to system unit 10. Operating system 15 is an operating system such as UNIX®, MS-DOS®, ~~Windows~~WINDOWS®, or OS. The processor 20 is a general purpose programmable processor such as an Intel PENTIUM® processor or a Motorola processor, suitable for a mid-size personal computer such as DEC, IBM, ~~Macintosh~~MACINTOSH® and the like. The main memory 30 can be well known random access memory (RAM) that is sufficiently large to hold the necessary programming and data structures. The comparative expression profiler 40 in communication with main memory carries out computer-executable steps. For example, the comparative expression profiler can carry out the computer executable steps of comparing the expression level of a molecule with a health-associated reference expression interval for the molecule; and assigning a numerical value if the expression is within or outside a health-associated reference expression interval. The computer expression profiler can also carry out the computer executable steps of determining a multidimensional coordinate point representative of the expression levels of a sample of molecules from an individual; and comparing the multidimensional coordinate point with a health-associated reference expression region, wherein the multidimensional coordinate point within the health-associated reference expression region indicates a reference expression profile and wherein the multidimensional coordinate point

2

outside the health-associated reference expression region indicates a perturbed expression profile.